

# GOVERNMENT ENGINEERING COLLEGE , THRISSUR

## NOTICE INVITING TENDER

No.D1/907/2017/GECTCR

Dated: 27/02/2018

### Tender No. : D1/162/17-18

Superscription : Purchase of CCTV Camera for College Campus and Examination Halls

Bidding fee : Rs.4425/-(Rs.3750/- +18% GST)

EMD required : Rs.19891/-

Address of the Officer to whom hardcopy is to be sent. : THE PRINCIPAL, GOVERNMENT ENGINEERING COLLEGE, THRISSUR-680009

### Specification Details

Item No.	Item name and specification	Qty	
1	Network True Day/Night IR Indoor/Outdoor Bullet Camera, 1/3" CMOS, 3 MP, 3.6 mm Fixed, 24 IR LEDs or more 30mtr, • Effective Pixels- 2304 (H) × 1296 (V), Electronic Shutter Speed- Auto/Manual, 1–1/100000 s, Min. Illumination- 0.045 lux, F2.1 (Color); 0 lux (IR LEDs on), PoE, H.264, IP66, Ingress Protection IP66, Certification- FCC, UL, CE, Warranty: 5 year onsite, (Make:Honeywell/Axis/Pelco/Vicon/Bosch/ Infinova). Check compatibility with existing system in the campus.	60	No.
2	Performance series, Network True Day/Night IR Indoor/Outdoor VF Bullet Camera, 1/3" CMOS, 3 MP, 2.7–12 mm F1.4 motorized focus/zoom lens (HBD3PR2) and 3.6 mm F2.1 fixed lens (HBD1PR1/HBD3PR1), 24 IR LEDs or more for 60mtr , PoE, H.264, IP66. Warranty: 5 year onsite, Certification- FCC, UL, CE. (Make:Honeywell/Axis/Pelco/Vicon/Bosch/Infinova). Check compatibility with existing system in the campus.	7	No.
3	24 Channel NVR, 8 SATA HDD Slot (Max.TB), ATX Power,Realtime Recording Resolution (32 Channels @ 720P,24 Channels @1080P),Realtime Local Playback( 8 Channels @ 720P,4 Channels @1080P),Multiplex Operation,H.264 High profile,BNC/VGA/HDMI output, main profile, baseline,HDD Redundancy, Free CMS software which provides functions like video management, user management, storage, video output,Network backup, USB HDD, USB writer, SATA writer,1 RS485, support 18 kinds of PTZ protocols, ONVIF 2.0,1 channel Audio Input and Output, 16 Ch Alarm Input and 8 Ch Alarm Output. Warranty: 5 year onsite. Certification- FCC, UL, CE. (Make:Honeywell/Axis/Pelco/Vicon/Bosch/Infinova). Check compatibility with existing system in the campus.	3	No.
4	4TB AV Surveillance hard disk for recording @720p for 30 days. Warranty: 5 year onsite (Make: WD/ Seagate/ samsung/Toshiba)	9	No.
5	POE Converter (High quality brand)	67	No.
6	On-Line UPS with external battery, 2.0kVA or higher, 120min, online ups, tubular battery, Digital display. Input: Voltage Range - Load 100%, range is 160V to 300V; 110V to 300Vac. Frequency - 50/60 Hz +/-0.5Hz, Single Phase,L-N +PE, Input Power Factor = 0.95. IGBT PWM technology. Output: Single phase 230V, ±1% Voltage THD <-4%-Linear Load <-7% Non Linear Load, Crest Factor - 3.1 max, power factor	4	No.

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7	24 port 10/100/1000 PoE plus switch unit	3	No.
8	4U wall mount metal rack cabinet with door and lock facility. Front Door with Toughened Glass quality; Adjustable Mounting rails - Front and Back; 1 Fan Mounting; Top and bottom cable entry provides Optimal flexibility for cable management	3	No.
9	CAT6 UTP cable 305mts	10	No.
10	16-20 mm PVC of approved model, with specials conforming to ISI standard on surface using suitable size fixtures,PVC ivory coloured , clamp spacing not exceeding 60cm including making good the damages, colour washing etc.	800	Mtr
11	Excavation of trench of size 40 X 100cm, sand cushioning up to a height of 25cm with sand, providing protective covering with country burned bricks laid breadth wise refilling the trench, etc as required for laying cables. Standard marking ribbon for laying in trench.	500	Mtr
	<b><i>Bidder has to provide any other items not specified in the proposal for installing and commissioning the project in time.</i></b>		

#### **General conditions**

1. Price: Should include all charges and taxes specifically stated.
2. Payment will be made only after the successful supply, installation and testing.
3. F.O.R: Govt. Engineering College, Thrissur.
4. Agreement: Preliminary Agreement in Rs.200/- Kerala Stamp Paper and Upload the same in .pdf format in the site.
5. Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
6. After E-tendering the hard copy of all documents should be submitted before the date of opening of the tender to the Principal, Government Engineering College, Thrissur.
7. Items to be supplied at Govt. Engineering College, Thrissur.
8. The items should have a minimum guarantee period of one year from the date of installation and successful performance.
9. Installation, successful demonstration and training required.
10. Delivery Period: Immediately after the date of receipt of supply order.
11. Agreement & 5% Security deposit needed.
12. Only GST registered firms can participate in the Tender NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

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The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0487 2334144

Superscription - Tender No D1/162/17-18 for Purchase of CCTV Camera for College Campus and Examination Halls	
Due date and time for receipt of tender	15/3/18 4.00 pm
Date and time for opening of tender	19/3/18 11.00 am
Date upto which the rates are to be firm	90 days from opening of tender
Price of tender form	Rs.4425/-
Price of duplicate copy	
Address of Officer from whom tender forms are to be obtained and to whom tenders are to be sent:	E tender only

**Principal**